TATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

Tetsuya KAWAGISHI, et al.

: GROUP ART UNIT: N/A

SERIAL NO: 09/912,632

FILED: July 26, 2001

FOR: ULTRASONIC DIAGNOSIS APPARATUS AND ULTRASOUND IMAGING

METHOD

LETTER TO THE OFFICIAL DRAFTSMAN

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, DC 20231

SIR:

In response to the Notice to File Missing Parts of Nonprovisional Application, attached hereto please find _10_ sheets of Substitute Formal Drawings. It is requested that the enclosed 10 sheets of Substitute Formal Drawings be entered to replace the drawings previously filed in this application.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Marvin J. Spivak Attorney of Record

Registration No: 24,913

Joseph A. Scafetta, Jr. Registration No. 26,803

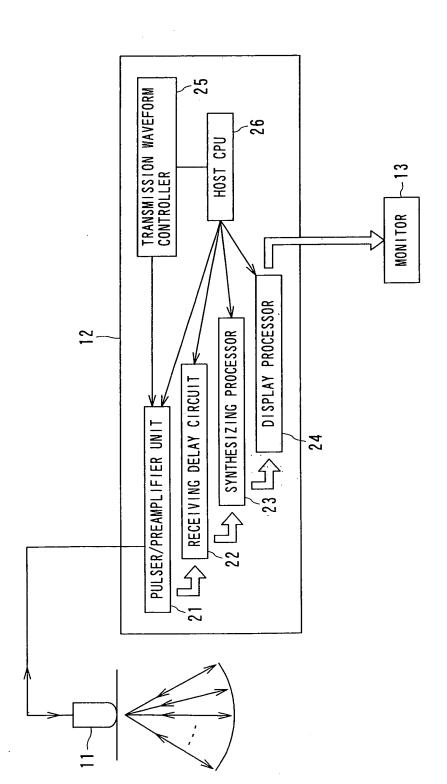
(703) 413-3000

Fax: (703) 412-2220

MJS/dgh

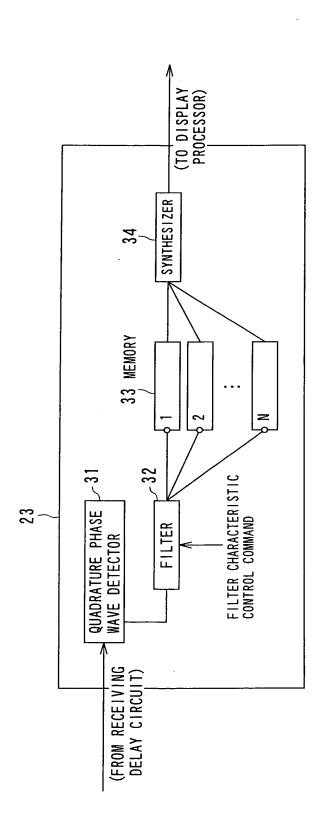
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OBLON, SPIVAK, et al. SERIAL NO:09/912,632 INV: Tetsuya KAWAGISHI, ET A. DOCKET # 212052US-2 SHEET 1 OF 10

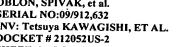


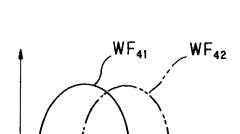
F | G.

OBLON, SPIVAK, et al.
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INV: Tetsuya KAWAGISHI, ET AL.
DOCKET # 212052US-2
SHEET 2 OF 10



F1G. 2





RATE 1

FREQUENCY

WF₄₁ WF_{42} FREQUENCY

RATE 2

FIG. 3A

FIG. 3B

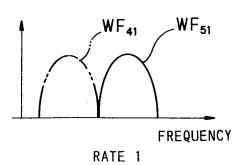


FIG. 4A

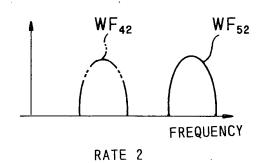
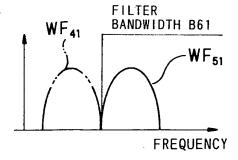
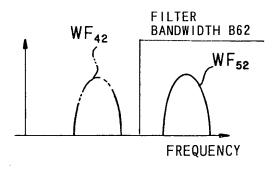


FIG. 4B



RATE 1

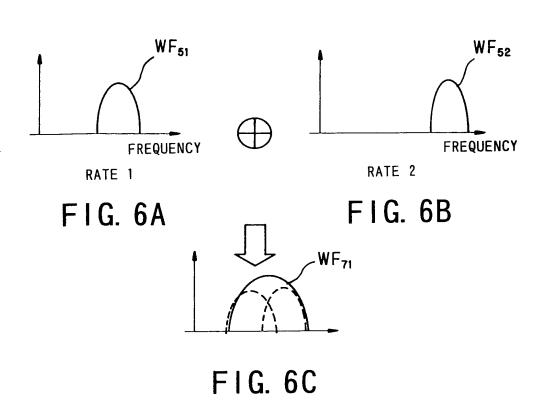




RATE 2

FIG. 5B





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E:

| Jan |

FIG. 7A

0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
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2
4
6
8
10

The same of the sa

FIG. 7B

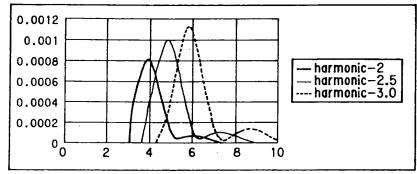


FIG. 7C

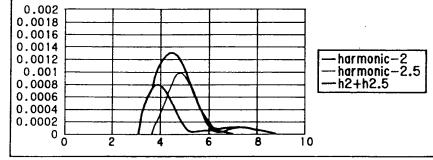
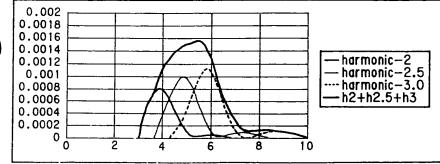
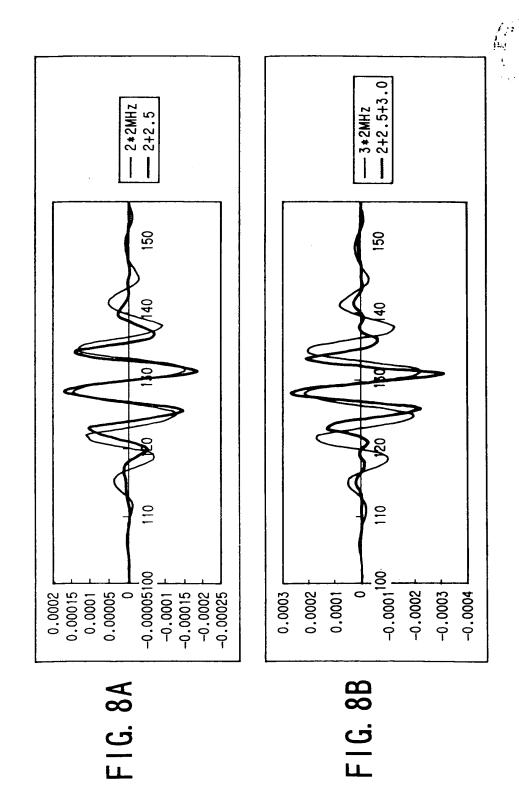


FIG. 7D

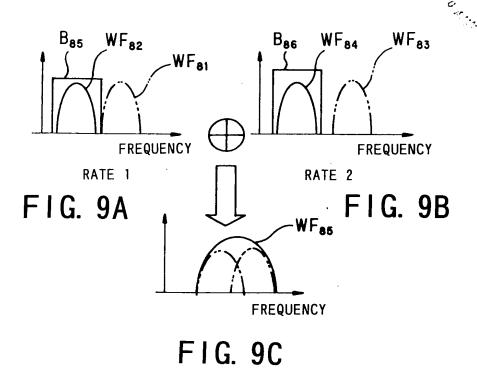


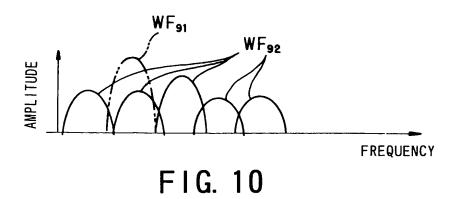
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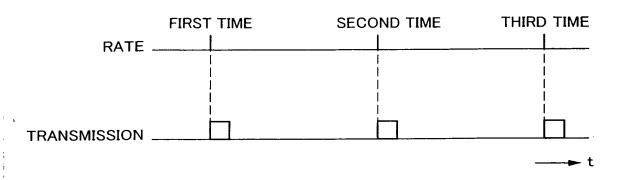


FIG. 11

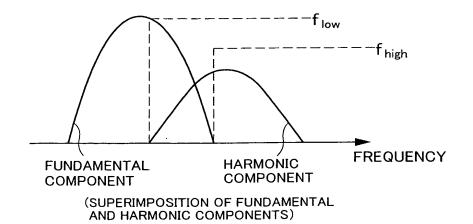


FIG. 12

OBLON, SPIVAK, et al. SERIAL NO:09/912,632 INV: Tetsuya KAWAGISHI, ET AL. DOCKET # 212052US-2 SHEET 2 OF <u>10</u>

FUNDAMENTAL

HARMONIC

20dB

OR LESS

FREQUENCY

FIG. 13

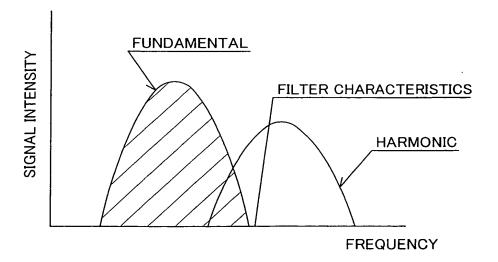


FIG. 14

OBLON, SPIVAK, et al. SERIAL NO:09/912,632 INV: Tetsuya KAWAGISHI, ET AL. **DOCKET # 212052US-2** SHEET 10 OF 10



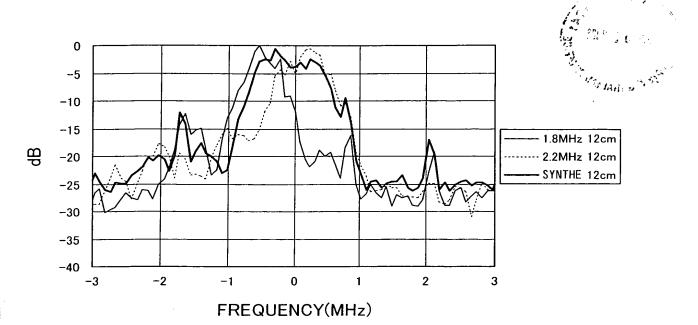


FIG. 15

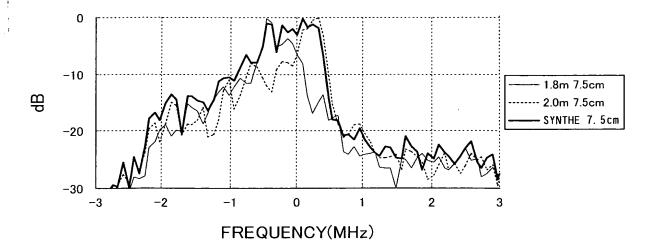
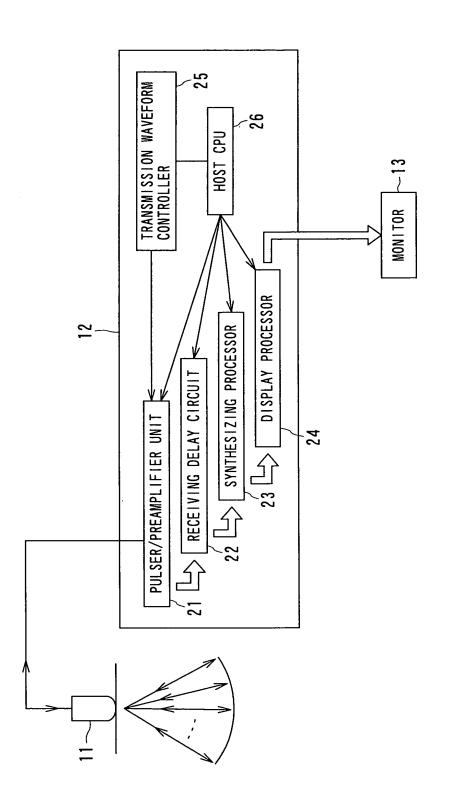
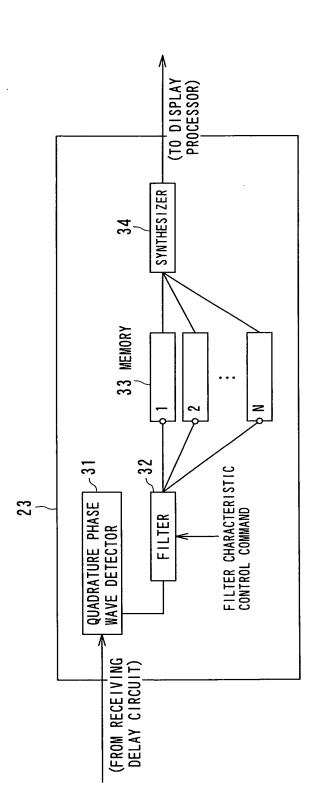


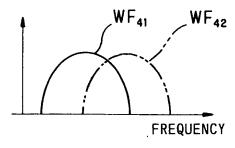
FIG. 16



F16. 1

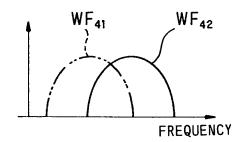


F1G. 2



RATE 1

FIG. 3A



RATE 2

FIG. 3B

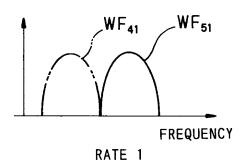


FIG. 4A

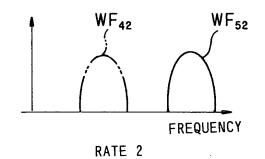
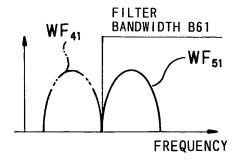
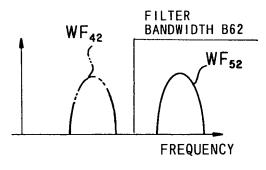


FIG. 4B



RATE 1

FIG. 5A



RATE 2

FIG. 5B

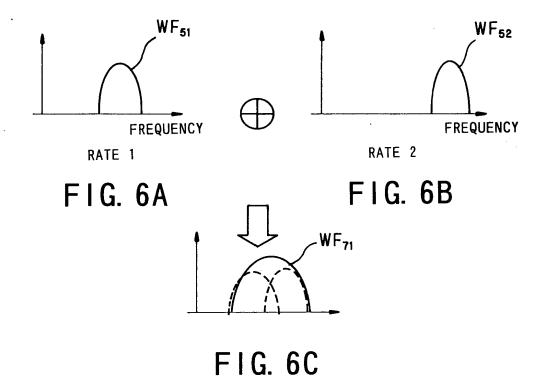


FIG. 7A

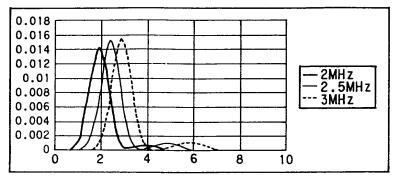


FIG. 7B

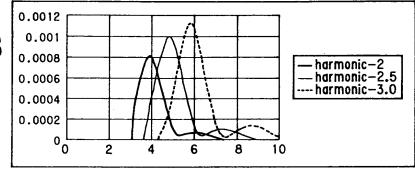


FIG. 7C

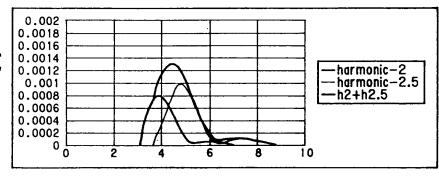
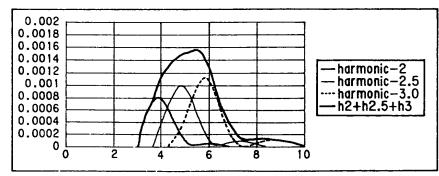
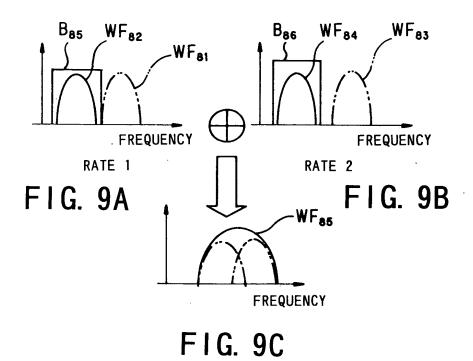


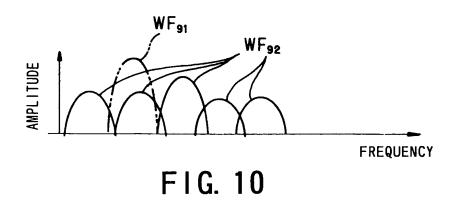
FIG. 7D



-0.0001100 0.00015 0.00015 0.00005100 -0.00015 -0.00015 -0.00025 0.0002 0.0003 0.0001 -0.0002 -0.0003 F1G. 8A F1G. 8B

-0.0004





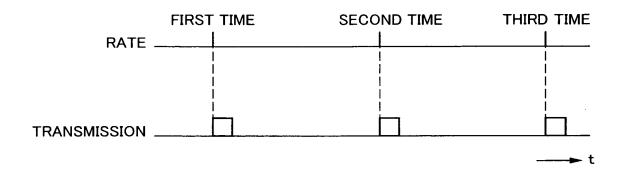


FIG. 11

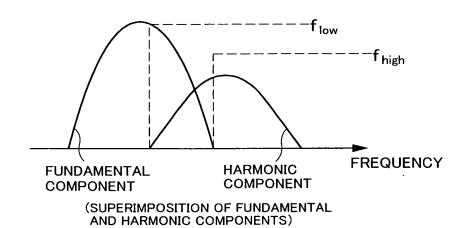


FIG. 12

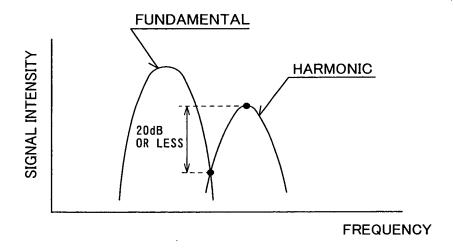


FIG. 13

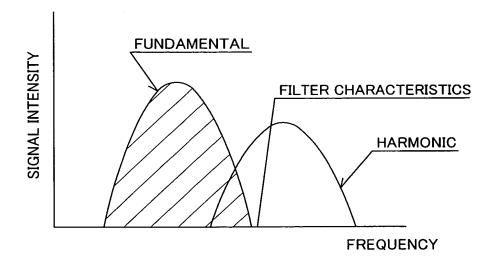


FIG. 14

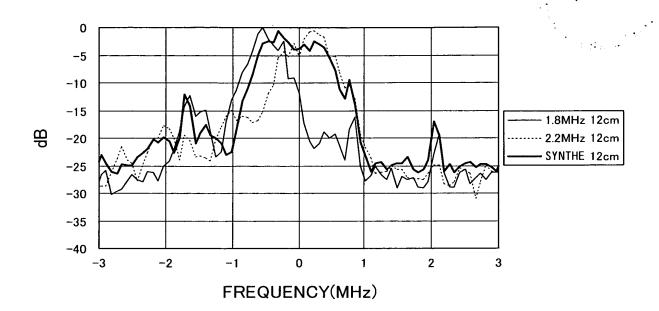


FIG. 15

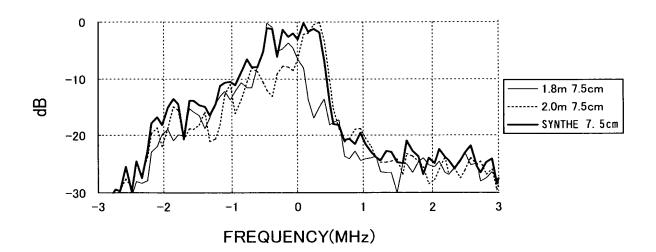


FIG. 16